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<div>7590 12/10/2007</div> <div>Gerald W. Mallszewski P.O. Box 270829 San Diego, CA 92198-2829</div> <div>EXAMINER RODRIGUEZ, LENNIN R</div> <div>ART UNIT PAPER NUMBER</div> <div>2625</div> <div>MAIL DATE DELIVERY MODE</div> <div>12/10/2007 PAPER</div>				

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/659,513

Applicant(s)

FERLITSCH, ANDREW RODNEY

Examiner

Lennin R. Rodriguez

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 9/10/2003.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Drawings

1. The informal drawings are not of sufficient quality to permit examination. Accordingly, replacement drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to this Office action. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

Applicant is given a TWO MONTH time period to submit new drawings in compliance with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). Failure to timely submit replacement drawing sheets will result in ABANDONMENT of the application.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description:

- (1) page 9, line 27, "**910**";
- (2) page 23, line 23, "**1410a**";
- (3) page 23, line 23, "**1410b**".

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended

replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-5, 7, 15-17, 20-26 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389) in view of Richter et al. (US 6,678,068).

(1) regarding claims 1 and 20:

Carney '389 discloses a system for selectively maintaining a device job history (paragraph [0012]), the system comprising: a client having an interface for sending jobs (paragraph [0004], lines 1-6); a device having an interface to accept jobs, the device performing the jobs for the client (paragraph [0003], lines 1-3); and, a repository having an interface to accept a record of the jobs performed by the device (paragraph [0013]),

the repository maintaining the job record after the performance of the job (paragraph [0012]),

Carney '389 discloses all the subject matter as described above except filtering the job record to create filtered history of jobs associated with the client.

However, Richter '068 teaches filtering the job record to create filtered history of jobs associated with the client (column 2, lines 7-15, where the jobs are being associated with the respective clients).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to filtering the job record to create filtered history of jobs associated with the client as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(2) regarding claims 2 and 21:

Carney '389 further discloses wherein the repository resides with a node selected from the group including the client and the device (Fig. 1, where the printer contains the repository, 119 Job Monitor).

(3) regarding claim 22:

Carney '389 further discloses wherein the repository resides with a node selected from the group including the client, the device (Fig. 1, where the printer contains the repository, 119 Job Monitor), and the server.

Carney '389 discloses all the subject matter as described above except a server having an interface to the client and the device, the server managing jobs sent to the device by the client;

However, Richter '068 teaches a server having an interface to the client and the device, the server managing jobs sent to the device by the client (column 5, lines 47-67, where the server has interfaces with the printer and client computer, Fig. 1);

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a server having an interface to the client and the device, the server managing jobs sent to the device by the client as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(4) regarding claims 3 and 23:

Carney '389 discloses all the subject matter as described above except wherein the repository resides with the client; and, wherein the client monitors processes selected from the group including the device status, job status, and communications to the device.

However, Richter '068 teaches wherein the repository resides with the client (column 9, lines 67-68 and column 10, lines 1-2, where the information can be stored in a client computer); and, wherein the client monitors processes selected from the group including the device status, job status (column 22, lines 7-12, print job status), and communications to the device.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the repository resides with the client; and, wherein the client monitors processes selected from the group including the job status as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(5) regarding claims 4 and 24:

Carney '389 discloses all the subject matter as described above except a display having an interface for accessing a viewable copy of the filtered job record.

However, Richter '068 teaches display having an interface for accessing a viewable copy of the filtered job record (column 21, lines 62-63, log information screen).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a display having an interface for accessing a viewable copy of the filtered job record as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(6) regarding claims 5 and 25:

Carney '389 discloses all the subject matter as described above except wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client and the server managing the device jobs.

However, Richter '068 teaches wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client and the

server managing the device jobs (column 21, lines 62-67, and column 22, lines 1-4, where the copy is obtained from the print server).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client and the server managing the device jobs as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(7) regarding claims 7 and 28:

Carney '389 discloses all the subject matter as described above except wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job, continuing a job, and modifying a job.

However, Richter '068 teaches wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job (column 16, lines 14-19), continuing a job, and modifying a job.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job, continuing a job, and modifying a job as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(8) regarding claim 15:

Carney '389 further discloses wherein sending jobs to a device for performance includes sending image processing jobs to an imaging device selected from the group including printers (paragraph [0003], lines 1-3), copiers, fax machines, multifunctional peripheral (MFP) devices, scanners, electronic whiteboards, and document servers.

(9) regarding claim 16:

Carney '389 further discloses monitoring the status of jobs after they have been despoiled from a node selected from the group including local and network spoolers (paragraph [0068], where the monitoring is taking effect after the despoiling step); monitoring the status of jobs that have been completed by the imaging device

(paragraph [0044], where the monitoring takes place when the job is completed); and, monitoring the status of jobs spooled at a node selected from the group including local and network spoolers (paragraph [0041], lines 14-18).

Carney '389 discloses all the subject matter as described above except wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status, and communications to the device includes: monitoring the status of job raster image processing (RIP); monitoring the status of jobs queued on the image processing device;

However, Richter '068 teaches wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status (column 22, lines 7-12, print job status), and communications to the device includes: monitoring the status of job raster image processing (RIP) (column 16, lines 7-8); monitoring the status of jobs queued on the image processing device (column 16, lines 7-9);

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status, and communications to the device includes: monitoring the status of job raster image processing (RIP), monitoring the status of jobs queued on the image processing device as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or

more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(10) regarding claim 17:

Carney '389 discloses all the subject matter as described above except interrupting an image processing job with a action selected from the group including canceling a job, continuing a job, and modifying a job; and, wherein monitoring processes selected from the group including the device status, job status, and communications to the imaging device includes monitoring the status of the interrupted job.

However, Richter '068 teaches interrupting an image processing job with a action selected from the group including canceling a job (column 16, lines 14-19), continuing a job, and modifying a job; and, wherein monitoring processes selected from the group including the device status, job status (column 22, lines 7-12, print job status), and communications to the imaging device includes monitoring the status of the interrupted job.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made interrupting an image processing job with a action selected from the group including canceling a job, continuing a job, and modifying a job; and,

wherein monitoring processes selected from the group including the device status, job status, and communications to the imaging device includes monitoring the status of the interrupted job as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(11) regarding claim 26:

Carney '389 further discloses a web page having an interface to receive job history downloads from the repository residing with the device (paragraph [0014], lines 5-11);

Carney '389 discloses all the subject matter as described above except wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client, the server managing the device jobs, and the web page.

However, Richter '068 teaches wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client, the server managing the device jobs (column 9, lines 29-31), and the web page.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the display accesses a viewable copy of the filtered job obtained from a node selected from the group including the client, the server managing the device jobs, and the web page as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

5. Claims 6, 18-19, 27 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389) and Richter et al. (US 6,678,068) as applied to claims above, and further in view of Kullick et al. (US 5,732,275).

(1) regarding claims 6 and 27:

Carney '389 further discloses wherein the repository resides at least partially with the device (Fig. 1, where the printer contains the repository, 119 Job Monitor);

Carney '389 and Richter '068 disclose all the subject matter as described above except the system further comprising: a local memory residing with the client having an interface to accept a download of the job record from the device repository.

However, Kullick '275 teaches the system further comprising: a local memory residing with the client having an interface to accept a download of the job record from the device repository (column 3, lines 35-38).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a local memory residing with the client having an interface to accept a download of the job record from the device repository as taught by Kullick '275 in the system of Carney '389 and Richter '068. With this, the user can have a copy of the repository sitting at his/her computer, making it easier to access and to check it.

(2) regarding claim 18:

Carney '389 further discloses wherein downloading the job record from the device, to the client, includes downloading a filtered job record (paragraph [0014], where by "each component" examiner is interpreting a client device and the jobs are being brought to each device filtered in accordance to which client it belongs to).

(3) regarding claims 19 and 40:

Carney '389 further discloses a unfiltered job record download from the device repository (paragraph [0013], where the repository has all the information at every client in the network and it allows access to every computer to all the information, meaning without any kind of filtering) and the client filters to job record to obtain a client-specific job record (paragraph [0014], where after having all the information the Job Monitor allows that each computer access its own jobs, meaning filtered jobs).

Carney '389 and Richter '068 disclose all the subject matter as described above except wherein the local memory is residing with the client.

However, Kullick '275 teaches wherein the local memory is residing with the client (column 3, lines35-38).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a local memory residing with the client having an interface to accept a download of the job record from the device repository as taught by Kullick '275, in the system of Carney '389 and Richter '068. With this, the user can have a copy of the repository sitting at his/her computer, making it easier to access and to check it.

6. Claims 8-9, 11, 29-30, 32 and 36-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389) and Richter et al. (US 6,678,068) as applied to claims above, and further in view of Sorkin et al. (US 5,898,823).

(1) regarding claims 8 and 29:

Carney '389 further discloses wherein the repository resides with the device (Fig. 1, where the printer contains the repository, 119 Job Monitor).

Carney '389 discloses all the subject matter as described above except filters the job record by matching the client network address to jobs having the same network address.

However, Richter '068 teaches filters the job record by matching the client network address to jobs having the same network address (column 2, lines 7-15, where the jobs are being associated with the respective clients).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to filtering the job record to create filtered history of jobs associated with the client as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

Carney '389 and Richter '068 disclose all the subject matter as described above except wherein the client sends jobs to the device along with a client network address;

However, Sorkin '823 teaches wherein the client sends jobs to the device along with a client network address (column 2, lines 20-26);

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client sends jobs to the device along with a client network address as taught by Sorkin '823 in the system of Carney '389 and Richter

'068. With this it is desirable to have a method and system that do not rely on human interaction so as to determine the printer address (column 1, lines 59-67).

(2) regarding claims 9 and 30:

Carney '389 and Richter '068 disclose all the subject matter as described above except wherein the client sends a network address selected from the group including a network address embedded in transport layer transmission packets and a network address embedded with the job in data layer communications.

However, Sorkin '823 teaches wherein the client sends a network address selected from the group including a network address embedded in transport layer transmission packets and a network address embedded with the job in data layer communications (column 2, lines 20-26, where the network is embedded on the job header).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client sends jobs to the device along with a client network address as taught by Sorkin '823 in the system of Carney '389 and Richter '068. With this it is desirable to have a method and system that do not rely on human interaction so as to determine the printer address (column 1, lines 59-67).

(3) regarding claims 11 and 32:

Carney '389 further discloses a web page having an interface to receive job history downloads from the repository residing with the device (paragraph [0014], lines 5-11); wherein the client makes an HTTP request to the web page associated with the device (paragraph [0083]); and, wherein the repository sends a record of filtered jobs

from the device, to the web page for client access (paragraph [0014], where by "each component" examiner is interpreting a client device and the jobs are being bring to each device filtered in accordance to which client it belongs to).

(4) regarding claim 36:

Carney '389 further discloses wherein the device is an imaging device selected from the group including printers (paragraph [0003], lines 1-3), copiers, fax machines, multifunctional peripheral (MFP) devices, scanners, electronic whiteboards, and document servers.

(5) regarding claim 37:

Carney '389 further discloses monitoring the status of jobs after they have been despoiled from a node selected from the group including local and network spoolers (paragraph [0068], where the monitoring is taking effect after the despoiling step); monitoring the status of jobs that have been completed by the imaging device (paragraph [0044], where the monitoring takes place when the job is completed); and, monitoring the status of jobs spooled at a node selected from the group including local and network spoolers (paragraph [0041], lines 14-18).

Carney '389 discloses all the subject matter as described above except wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status, and communications to the device includes: monitoring the status of job raster image processing (RIP); monitoring the status of jobs queued on the image processing device;

However, Richter '068 teaches wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status (column 22, lines 7-12, print job status), and communications to the device includes: monitoring the status of job raster image processing (RIP) (column 16, lines 7-8); monitoring the status of jobs queued on the image processing device (column 16, lines 7-9);

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein maintaining the job record by a client monitoring processes selected from the group including the device status, job status, and communications to the device includes: monitoring the status of job raster image processing (RIP), monitoring the status of jobs queued on the image processing device as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(6) regarding claim 38:

Carney '389 discloses all the subject matter as described above except wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job, continuing a job, and modifying a job.

However, Richter '068 teaches wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job (column 16, lines 14-19), continuing a job, and modifying a job.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client has a user interface for interrupting a job sent to the device with an action selected from the group including canceling a job as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

7. Claims 10 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389), Richter et al. (US 6,678,068) and Sorkin et al. (US 5,898,823) as applied to claims above, and further in view of Saruwatari (US 2002/0059361).

Carney '389, Richter '068 and Sorkin '823 disclose all the subject matter as described above except wherein the client sends the client's Internet Protocol (IP) address as the network address.

However, Saruwatari '361 teaches wherein the client sends the client's Internet Protocol (IP) address as the network address (paragraph [0043], lines 2-5).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client sends the client's Internet Protocol (IP) address as the network address as taught by Saruwatari '361 in the system of Carney '389. With this the client can be located easier in a printing network.

8. Claims 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389), Richter et al. (US 6,678,068) and Kullick et al. (US 5,732,275) as applied to claims above, and further in view of Sorkin et al. (US 5,898,823).

(1) regarding claim 12:

Carney '389 further discloses wherein the repository resides with the device (Fig. 1, where the printer contains the repository, 119 Job Monitor).

Carney '389 discloses all the subject matter as described above except filters the job record by matching the client network address to jobs having the same network address.

However, Richter '068 teaches filters the job record by matching the client network address to jobs having the same network address (column 2, lines 7-15, where the jobs are being associated with the respective clients).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to filtering the job record to create filtered history of jobs associated with the client as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

Carney '389, Richter '068 and Kullick '275 disclose all the subject matter as described above except wherein the client sends jobs to the device along with a client network address;

However, Sorkin '823 teaches wherein the client sends jobs to the device along with a client network address (column 2, lines 20-26);

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client sends jobs to the device along with a client network address as taught by Sorkin '823 in the system of Carney '389, Richter '068 and Kullick '275. With this it is desirable to have a method and system that do not rely on human interaction so as to determine the printer address (column 1, lines 59-67).

(2) regarding claim 13:

Carney '389 discloses all the subject matter as described above except merging device communications with the filtered job record.

However, Richter '068 teaches merging device communications with the filtered job record (column 22, lines 7-12, where all the information is merge as a whole in memory).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to merging device communications with the filtered job record as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(3) regarding claim 14:

Carney '389 discloses all the subject matter as described above except merging client communications with the filtered job record.

However, Richter '068 teaches merging client communications with the filtered job record (column 22, lines 7-12, where all the information is merge as a whole in memory).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to merging client communications with the filtered job record as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

9. Claims 33-35 and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carney et al. (US 2002/0080389), Richter et al. (US 6,678,068) and Sorkin et al. (US 5,898,823) as applied to claims above above, and further in view of Kullick et al. (US 5,732,275).

(1) regarding claims 33 and 39:

Carney '389, Richter '068 and Sorkin '823 disclose all the subject matter as described above except the system further comprising: a local memory residing with the client having an interface to accept a download of the job record from the device repository.

However, Kullick '275 teaches the system further comprising: a local memory residing with the client having an interface to accept a download of the job record from the device repository (column 3, lines 35-38).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to have a local memory residing with the client having an interface to accept a download of the job record from the device repository as taught by Kullick '275 in the system of Carney '389, Richter '068 and Sorkin '823. With this, the user can have a copy of the repository sitting at his/her computer, making it easier to access and to check it.

(2) regarding claim 34:

Carney '389 all the subject matter as described above except wherein the client collects a record of device communications, and merges the device communications with a filtered job record in the local memory.

However, Richter '068 teaches wherein the client collects a record of device communications (column 5, lines 38-44), and merges the device communications with a filtered job record in the local memory (column 22, lines 7-12, where all the information is merge as a whole in memory).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client collects a record of device communications, and merges the device communications with a filtered job record in the local memory as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view

information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

(3) regarding claim 35:

Carney '389 all the subject matter as described above except wherein the client collects a record of client communications, and merges the client communications with a filtered job record in the local memory.

However, Richter '068 teaches wherein the client collects a record of client communications (column 5, lines 38-44), and merges the client communications with a filtered job record in the local memory (column 22, lines 7-12, where all the information is merge as a whole in memory).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made wherein the client collects a record of client communications, and merges the client communications with a filtered job record in the local memory as taught by Richter '068 in the system of Carney '389. It would be advantageous to provide a client print server link application, which allows a client user to view information regarding one or more output printing devices, controllably send one or more print jobs to any of the output printing devices, and receive information regarding

each of the print jobs. It would also be advantageous to provide an administrative print server application, whereby an administrative user can view and control the status of a print system having one or more client computers and one or more print servers and printing output devices. The development of such a printing system would constitute a major technological advance (column 3, lines 8-19).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lennin R. Rodriguez whose telephone number is (571) 270-1678. The examiner can normally be reached on Monday - Thursday 7:30am - 6:00pm EST.

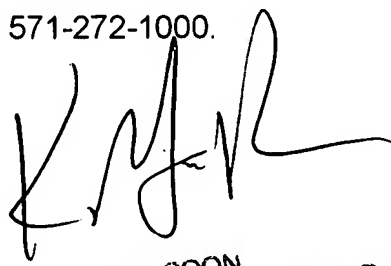
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, King Poon can be reached on (571) 272-7440. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Lennin Rodriguez
12/2/07



KING Y. POON
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